Amendment Under 37 C.F.R. § 1.111 U.S. Patent Application No.: 10/781,665

Atty. Dkt. No.: 71470-0002 Customer No.: 57362

Do not enter AMENDMENTS TO THE SPECIFICATION:

Please amend the specification at Page 9

Please amend the specification at Page 9, line 34 through Page 10, line 17 as follows:

In the diaphragm edge according to the present invention, the emboss has an arithmetical mean deviation from the mean line of the profile (Ra) center line average (Ra) between 2.44 μm - 28.70 μm, a maximum peak to valley roughness height (Ry) between 14.25 μm - 120.00 μm, and a ten point average roughness height (Rz) between 7.90 μm - 97.00 μm. For example, FIG. 8 is a magnified sectional view of the entire front surface of the diaphragm edge 31 where the emboss is formed, wherein the emboss has an arithmetical mean deviation from the mean line of the profile (Ra) center line average (Ra) of about 6.60 μm, a maximum peak to valley roughness height (Ry) of about 37.00 μm, and a ten point average roughness height (Rz) of about 23.70. In FIG. 8, a unit of a solid line scale on a horizontal axis denotes 227.27 μm while a unit of a solid line scale on a vertical axis denotes 11.24 μm.

The arithmetical mean deviation from the mean line of the profile (Ra), center line average (Ra) the maximum peak to valley roughness height (Ry), and the ten point average roughness height (Rz) are method to indicate a texture (a degree of formation of an emboss) of a surface. When a function expressing a section curve showing a section of the diaphragm edge 31 is f(x), the arithmetical mean deviation from the mean line of the profile (Ra) center line average (Ra) is obtained from an equation that $Ra = \int |f(x)| dx$. The maximum peak to valley roughness height (Ry) corresponds to the length between the highest peak and the deepest trough on the section curve. The ten point average roughness height (Rz) corresponds to the sum total of the arithmetical mean deviation of the absolute value of the heights of the highest peak through the

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heights of the fifth highest peak from the mean line and the arithmetical mean deviation of the absolute value of the heights of the deepest peak through the heights of the fifth deepest peak from the mean line measured in the vertical direction in the sample part, which is extracted as much as the standard length in the direction of the mean line length between the third highest peak and the third deepest trough on the section curve. Therefore, the ten point height (Rz) is defined below:

$$Rz = |Y_{p1} + Y_{p2} + Y_{p3} + Y_{p4} + Y_{p5}| + |Y_{v1} + Y_{v2} + Y_{v3} + Y_{v4} + Y_{v5}|$$

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